

1 ➔ SECTION 7. A NEW SECTION OF KRS CHAPTER 158 IS CREATED TO
2 READ AS FOLLOWS:

3 By July 1, 2010, at least one (1) employee in each middle school and high school shall
4 have successfully completed the on-line coaches training under Section 6 of this Act.
5 The cost of acquiring the training shall be borne by the local school district.

6 ➔ SECTION 8. A NEW SECTION OF KRS CHAPTER 164 IS CREATED TO
7 READ AS FOLLOWS:

8 As used in Sections 8 to 11 of this Act:

9 (1) "STEM" means science, technology, engineering, and mathematics; and

10 (2) "Advanced science and mathematics" means Advanced Placement biology,
11 calculus, chemistry, computer science, environmental science, and physics, and
12 International Baccalaureate biology, chemistry, computer science, environmental
13 systems, mathematical studies, further mathematics, and physics.

14 ➔ SECTION 9. A NEW SECTION OF KRS CHAPTER 164 IS CREATED TO
15 READ AS FOLLOWS:

16 (1) The Council on Postsecondary Education shall create a STEM Initiative Task
17 Force for the purpose of providing leadership and strategic direction to a
18 comprehensive, statewide STEM initiative to improve Kentucky's position for
19 success in the knowledge-based economy by expanding and strengthening
20 educational and economic development opportunities in science, technology,
21 engineering, and mathematics. The STEM Initiative Task Force shall be
22 composed of representatives from the executive and legislative branches of
23 government, postsecondary education, elementary and secondary education,
24 professionals within the STEM disciplines, and the business community.

25 (2) The president of the Council on Postsecondary Education shall appoint members
26 to the STEM Initiative Task Force, except that the President of the Senate shall
27 appoint two (2) members of the Kentucky Senate and the Speaker of the House of

1 Representatives shall appoint two (2) members of the House of Representatives to
2 the task force. The task force members appointed by the president of the Council
3 on Postsecondary Education shall include but not be limited to the
4 representatives on the STEM Initiative Steering Committee under subsection (4)
5 of this section. The total number of members of the STEM Initiative Task Force
6 shall be determined by the president of the Council on Postsecondary Education.

7 (3) The task force shall have a chair, who shall be the presiding officer and shall
8 coordinate the functions and activities of the task force. The chair shall be elected
9 by majority vote of the members present at the first meeting of the task force after
10 the effective date of this Act. Thereafter, the chair shall be elected each calendar
11 year.

12 (4) The STEM Initiative Task Force shall have a steering committee to provide
13 oversight and coordination of the implementation of the STEM strategic and
14 business plans developed by the task force under Section 10 of this Act, and to
15 determine the allocation of funds from Kentucky STEM Initiative fund under
16 Section 11 of this Act. The chair of the STEM Initiative Task Force shall be the
17 chair of the steering committee, and a vice chair shall be elected by members of
18 the steering committee. The steering committee shall be composed of task force
19 members as follows:

20 (a) Two (2) representatives of the Kentucky Cabinet for Economic
21 Development;

22 (b) One (1) representative of the Center for Applied Energy Research at the
23 University of Kentucky;

24 (c) One (1) representative of the Kentucky Rural Energy Consortium at the
25 University of Louisville;

26 (d) Two (2) representatives of the Kentucky Chamber of Commerce;

27 (e) One (1) representative of the Kentucky Science and Technology

1 Corporation;

2 (f) Two (2) representatives of the Council on Postsecondary Education;

3 (g) One (1) president of a public university;

4 (h) One (1) representative of the Kentucky Community and Technical College
5 System;

6 (i) One (1) representative of the Association of Kentucky Independent Colleges
7 and Universities;

8 (j) Two (2) representatives of the Kentucky Department of Education;

9 (k) Two (2) representatives of the Kentucky Education Association;

10 (l) One (1) representative of the Kentucky School Boards Association;

11 (m) One (1) representative of the Kentucky Association of School
12 Administrators;

13 (n) One (1) representative of the Education Professional Standards Board; and

14 (o) The task force chair.

15 (5) When making the appointment of a representative required under subsection (4)
16 of this section, the president of the Council on Postsecondary Education shall
17 seek the advice of the chief executive officer of the organization, agency, or
18 association being represented, except that the advice of the Kentucky Council of
19 Presidents shall be sought regarding the selection of a public university president
20 to serve.

21 (6) Each STEM Initiative Task Force member shall serve a term of three (3) years,
22 or until a successor is appointed or qualified, except that, to the degree possible,
23 for members appointed by the president of the Council on Postsecondary
24 Education, the initial term of one-third (1/3) of the members shall be for one (1)
25 year, one-third (1/3) for two (2) years, and one-third (1/3) for three (3) years. A
26 member may be reappointed to the task force at the discretion of the president of
27 the Council on Postsecondary Education.

1 (7) The task force shall meet at least semiannually or upon the call of the chair, and
2 a majority of the full membership shall constitute a quorum.

3 (8) The task force, under the leadership of the chair, may appoint committees,
4 subcommittees, advisory groups, or other work structures to accomplish its
5 purposes.

6 (9) Members of the task force shall serve without compensation but may be
7 reimbursed for necessary travel and expenses while attending meetings or
8 conducting approved activities at a per diem rate not to exceed the rate
9 promulgated in administrative regulation for state employees under the
10 provisions of KRS Chapter 45.

11 (10) The task force shall be attached to the Council on Postsecondary Education for
12 administrative purposes. The council may enter into a memorandum of
13 agreement with the Kentucky Department of Education for staff and other
14 administrative expenses relating to the implementation of Sections 8 to 11 of this
15 Act.

16 (11) The task force may create a public or nonprofit corporation or contract with an
17 existing nonprofit corporation to facilitate the public-private collaboration in the
18 development and implementation of the STEM Initiative.

19 (12) The task force or the public or nonprofit corporation which may be utilized under
20 subsection (11) of this section may receive and expend funds from state
21 appropriations and may solicit, apply for, and receive funds, grants, contracts,
22 contributions, property, or services from a person, government agency, or other
23 organization, public or private. Determination of the use of funds received by the
24 task force shall be established by the STEM Initiative Steering Committee
25 pursuant to this section.

26 (13) Funds appropriated to the task force or the public or nonprofit corporation which
27 may be utilized under subsection (11) this section shall not lapse at the end of a

1 fiscal year but shall be carried forward to the next fiscal year to be used solely to
 2 support the purposes for which the funds were appropriated.

3 (14) The task force or the public or nonprofit corporation which may be utilized under
 4 subsection (11) of this section shall:

5 (a) Follow standard accounting practices;

6 (b) Have an independent auditor conduct an annual financial audit; and

7 (c) Submit a quarterly report of receipts and expenditures no later than sixty
 8 (60) days after the end of a calendar quarter. The task force shall file its
 9 report with the Council on Postsecondary Education and a public or
 10 nonprofit corporation shall file its report to the STEM Initiative Task
 11 Force.

12 (15) The task force or the public or nonprofit corporation which may be utilized under
 13 subsection (11) of this section shall submit an annual financial and progress
 14 report for the previous fiscal year by September 30 to the Governor, the
 15 Legislative Research Commission, the commissioner of education, and the
 16 president of the Council on Postsecondary Education.

17 ➔SECTION 10. A NEW SECTION OF KRS CHAPTER 164 IS CREATED TO
 18 READ AS FOLLOWS:

19 (1) The STEM Initiative Task Force shall explore the critical relationship between
 20 STEM degree production and the knowledge-based economy of Kentucky and
 21 make recommendations to accelerate Kentucky's performance in the STEM
 22 disciplines. The task force shall develop a comprehensive, statewide strategic plan
 23 and a business plan to improve STEM performance in government, business,
 24 elementary and secondary education, and postsecondary education.

25 (2) The strategic plan shall include but not be limited to:

26 (a) Energizing a statewide public awareness campaign to help Kentuckians
 27 understand the critical importance of STEM to their own economic

1 competitiveness and that of the Commonwealth;

2 (b) Creating incentives and a supportive environment for students, teachers,
 3 and institutions that pursue, succeed, and excel in the STEM disciplines
 4 throughout the P-20 educational pipeline;

5 (c) Implementing international best practices in professional development
 6 programs for P-16 STEM teachers to increase the intensity, duration, and
 7 rigor of professional development;

8 (d) Improving teacher preparation programs and encouraging people with
 9 undergraduate and graduate degrees in the STEM disciplines to enter the
 10 teaching profession;

11 (e) Revolutionizing how STEM subjects are taught, learned, and assessed and
 12 implementing a statewide, research-based STEM curriculum that is aligned
 13 with global workforce and academic standards;

14 (f) Engaging business, industry, and civic leaders to improve STEM education
 15 and skills in the Commonwealth and creating incentives for Kentucky
 16 businesses that employ and invest in STEM-educated students;

17 (g) Developing an ongoing, coordinated, statewide STEM initiative that
 18 maximizes the impact of resources among government agencies, schools,
 19 colleges and universities, and businesses, and which is focused on
 20 developing and attracting STEM-related jobs in Kentucky;

21 (h) Targeting energy sustainability problems and opportunities in Kentucky
 22 and the nation as a primary objective of statewide STEM enhancements;

23 (i) Developing STEM mentoring programs that partner students in grades five
 24 (5) through twelve (12), their teachers, or both, with engineers, business
 25 professionals, college or university professors, university students, or others
 26 with expertise in the STEM disciplines to link academic coursework with
 27 the real world, underscoring the importance of rigorous academic

preparation and encouraging pursuit of careers in the STEM disciplines;

and

(j) Creating recognition awards and activities and financial support for individuals, businesses, or organizations that exhibit excellence in mentoring within the STEM disciplines.

(3) The STEM Task Force shall develop a business plan aligned with the strategic plan which includes measurable benchmarks for progress in achieving the goals within the strategic plan for one (1) year, three (3) year, and five (5) year time periods. The initial business plan shall be presented to the Interim Joint Committees on Appropriations and Revenue and Education by December 30, 2008. In subsequent years, the task force shall review and revise the business plan as needed to further the purposes of the STEM Initiative.

➔SECTION 11. A NEW SECTION OF KRS CHAPTER 164 IS CREATED TO READ AS FOLLOWS:

(1) The Kentucky STEM Initiative fund is hereby created to support the STEM Initiative described in Sections 9 and 10 of this Act, as directed by the STEM Initiative Steering Committee established in subsection (4) of Section 9 of this Act.

(2) The fund may receive state appropriations, grants, gifts, federal funds, or any other public or private funds.

(3) Fund amounts not expended or obligated at the end of a fiscal year shall not lapse but shall be carried forward to the next fiscal year to be used solely to support the purposes for which the funds were appropriated. Any interest earnings of the fund shall become a part of the fund and shall not lapse.

(4) The Department of Education and the Council on Postsecondary Education may expend available funds from other sources on the STEM Initiative.

➔Section 12. KRS 156.160 is amended to read as follows: